

### **Abstract**

A stationary or fluid bed dehydrogenation catalyst containing an alumina carrier, with chromium, zirconium, magnesium and, preferably, an alkali metal added as promoters. The resultant catalyst demonstrates greater selectivity and olefin yield than prior art dehydrogenation catalysts containing aluminum and chromium only.

SRC:hh  
C:\WP\PAT\PI187.APP  
10-07-03  
41187